REMARKS

By this amendment, Claims 17, 18, 28, 29, and 35-37 have been amended and new Claims 38-43 added. Hence, Claims 17, 18, 28, 29, and 33-43 are pending in this application. It is respectfully submitted that the amendments to the claims and the new claims do not add any new matter to this application. It is further respectfully submitted that the amendments are made solely to improve the clarity and readability of the claims and for any reason related to patentability. All issues raised in the Final Office Action mailed on September 11, 2001 are fully addressed herein.

Summary of the Office Action Mailed on September 11, 2001

1. Claims 17, 18, 28, 29, 33, 35 and 36 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over *Pepe, et al.*, U.S. Pat. No. 5,673,322 (hereinafter "*Pepe*"), in view of *DeBoor, et al.*, U.S. Pat. No. 6,173,316 (hereinafter "*DeBoor*").

2. Claims 34 and 37 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over *Pepe* in view of *DeBoor* and further in view of *Kikinis*, U.S. Pat. No. 5,727,159 (hereinafter "*Kikinis*").

REJECTION OF CLAIMS 17, 18, 28, 29, 33, 35 AND 36 UNDER 35 U.S.C. §103(a)

Claims 17, 18, 28, 29, 33, 35 and 36 were rejected under 35 U.S.C § 103(a) as being unpatentable over *Pepe* in view of *DeBoor*. It is respectfully submitted that Claims 17, 18, 28, 29, 33, 35 and 36 are patentable over *Pepe* and *DeBoor*, alone or in combination, for at least the reasons set forth hereinafter.

CLAIM 17

Claim 17, as amended, recites a method for accessing data over a network using a wireless device. It is respectfully submitted that Claim 17 is patentable over *Pepe* and *DeBoor* for at least several reasons. First, *Pepe* and *DeBoor*, alone or in combination, do not in any way teach or suggest a method for accessing data over a network using a wireless device where compressed queries are used by the wireless device to request data, as is required by Claim 17. Claim 17 specifically requires the steps of "in response to the user-input, generating a compressed query using the wireless application" and "sending the compressed query to a proxy server external to the wireless device to cause the proxy server to request data from an Internet site." In *Pepe*, there is absolutely nothing to even

suggest that the requests generated by local proxy 56 are compressed. The Office Action mailed on September 11, 2001 refers to FIG. 5 in support of the assertion that *Pepe* teaches generating a compressed query. However, as described in *Pepe* at Col. 11, line 35 through Col. 12, line 19, local proxy 56 creates a query script that specifies the type of compression to be used on the data object supplied back to user terminal 52 in response to the query, not compression to be applied to the query itself. In *DeBoor*, there is no teaching or suggestion that the wireless communications device generates compressed queries for data.

Second, *Pepe* and *DeBoor*, alone or in combination, do not in any way teach or suggest a method for accessing data over a network using a wireless device where a wireless application executing on the wireless device both receives user input and generates a compressed query in response to the user input, as is required by Claim 17. Claim 17 specifically requires the steps of "receiving a user-input entered through a wireless application executing on the wireless device" and "in response to the user-input, the wireless application generating a compressed query." In *Pepe*, the Web browser 54 receives the user input, but does not generate any queries. Local proxy 56 generates queries, although not compressed queries as previously described herein, but does not receive any user input. In *DeBoor*, none of the elements of the wireless communications device both receive user input and generate a compressed query in response to the user input.

For at least these reasons, it is therefore respectfully submitted that *Pepe* and *DeBoor*, alone or in combination, do not in any way teach or suggest the novel method recited in Claim 17.

CLAIMS 18, 33 AND 35

Claims 18, 33 and 35, as amended, all depend from Claim 17 and include all of the limitations of Claim 17. It is therefore respectfully submitted that Claims 18, 33 and 35 are patentable over *Pepe* and *DeBoor*, alone or in combination, for at least the reasons set forth herein with respect to Claim 17. Furthermore, it is respectfully submitted that Claims 18, 33 and 35 recite additional limitations that independently render them patentable over *Pepe* and *DeBoor*, alone or in combination.

CLAIMS 28, 29 AND 36

Claims 28, 29 and 36 recite limitations similar to Claims 17, 18 and 33, except in the context of a computer-readable medium. It is therefore respectfully submitted that Claims 28, 29 and 36 are patentable over *Pepe* and *DeBoor*, alone or in combination, for at least the reasons set forth herein with respect to Claims 17, 18 and 33.

In view of the foregoing, reconsideration and withdrawal of the rejection of Claims 17, 18, 28, 29, 33, 35 and 36 under 35 U.S.C. §103(a) as being unpatentable over *Pepe* in view of *DeBoor* is respectfully requested.

REJECTION OF CLAIMS 34 AND 37 UNDER 35 U.S.C. §103(a)

Claims 34 and 37 were rejected under 35 U.S.C § 103(a) as being unpatentable over *Pepe* in view of *DeBoor* and further in view of *Kikinis*. Claim 34 depends from Claim 17 and therefore includes all of the limitations of Claim 17. It is therefore respectfully submitted that Claim 34 is patentable over *Pepe* and *DeBoor*, alone or in combination, for at least the reasons set forth herein with respect to Claim 17. It is further respectfully submitted that *Kikinis* does not in any way teach or suggest the limitations required by Claim 34. Specifically, *Kikinis* does not in any way teach or suggest a method for accessing data over a network using a wireless device where compressed queries are used by the wireless device to request data and where a wireless application executing on the wireless device both receives user input and generates a compressed query in response to the user input, as is required by Claim 34. Claim 37 recites limitations similar to Claim 34, except in the context of a computer-readable medium. It is therefore respectfully submitted that Claims 34 and 37 are patentable over *Pepe*, *DeBoor* and *Kikinis*, alone or in combination. Accordingly, reconsideration and withdrawal of the rejection of Claims 34 and 37 under 35 U.S.C. §103(a) as being unpatentable over *Pepe* in view of *DeBoor* and further in view of *Kikinis* is respectfully requested.

CONCLUSION

For at least the reasons set forth herein, Applicant respectfully submits that all pending claims are patentable over the art of record, including the art cited but not relied upon. Accordingly, allowance of all claims is hereby respectfully solicited.

The Examiner is invited to contact the undersigned if the Examiner believes that such contact would be helpful in furthering the prosecution of this application.

Respectfully submitted,

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CLAIMS IN "MARKED UP" FORM

17. (TWICE AMENDED) A method for accessing data over a network using a
wireless device, the method comprising:
   receiving a user-input entered through a wireless application <u>executing on the</u>
      <u>wireless device</u>;
   in response to the user-input, **[executing the wireless application to generate]**
      <u>the wireless application generating</u> a compressed query;
   sending the compressed query to **[an external]** a proxy server <u>external to the</u>
      <u>wireless device</u> to cause the proxy server to request data from an Internet
      site;
   receiving a compressed response from the proxy server, the compressed response
      including data from the Internet site; and
   executing the wireless application to <u>process the compressed response in order to</u>
      <u>cause</u> **[render]** the data from the Internet site <u>to be rendered on the</u>
      <u>wireless device from</u> **[using]** the compressed response.

18. (TWICE AMENDED) The method of claim 17, wherein <u>the method further</u>
[receiving a user-input entered through a wireless application] includes:
   displaying a list of wireless applications on the wireless device;
   <u>and wherein receiving a user-input includes:</u>
   receiving a user selection of **[a]** <u>the</u> wireless application <u>from the list of wireless</u>
      <u>applications displayed on the wireless device</u>; and
   in response to the user selection, displaying a query form to allow a user to enter
      the user-input.

19. (PREVIOUSLY CANCELLED)

20. (PREVIOUSLY CANCELLED)

21. (PREVIOUSLY CANCELLED)

22. (PREVIOUSLY CANCELLED)

23.   (PREVIOUSLY CANCELLED)

24.   (PREVIOUSLY CANCELLED)

25.   (PREVIOUSLY CANCELLED)

26.   (PREVIOUSLY CANCELLED)

27.   (PREVIOUSLY CANCELLED)

28.   (TWICE AMENDED) A computer-readable medium for wireless
       communications, the computer-readable medium [comprising] carrying
       instructions which, when executed by one or more processors, cause the one or
       more processors to perform steps of:
       receiving a user-input entered through a wireless application executing on the
              wireless device;
       in response to the user-input, [executing] using the wireless application to
              generate a compressed query from the wireless application;
       sending the compressed query to [an external] a proxy server external to the
              wireless device to cause the proxy server to request data from an Internet
              site;
       receiving a compressed response from the proxy server, the compressed response
              including data from the Internet site; and
       executing the wireless application to process the compressed response in order to
              cause [render] the data from the Internet site to be rendered on the
              wireless device from [using] the compressed response.

29.   (TWICE AMENDED) The computer-readable medium of claim 28, further
       [comprising] carrying instructions for performing steps of:
       displaying a list of wireless applications on the wireless device;
       receiving a user selection of [a] the wireless application from the list of wireless
              applications displayed on the wireless device; and
       in response to the user selection, displaying a query form to allow a user to enter
              the user-input.

30. (PREVIOUSLY CANCELLED)

31. (PREVIOUSLY CANCELLED)

32. (PREVIOUSLY CANCELLED)

33. (NOT AMENDED) The method of claim 17, wherein executing the wireless application to generate a compressed query includes generating the <u>compressed</u> query in compressed transport protocol (CTP).

34. (NOT AMENDED) The method of claim 17, wherein executing the wireless application to generate a compressed query includes generating the <u>compressed</u> query in compressed markup language (CML).

35. (ONCE AMENDED) The method of claim 17, wherein executing the wireless application to render the data includes executing the <u>wireless</u> application to use the compressed response without converting the compressed response to another protocol.

36. (ONCE AMENDED) The computer-readable medium of claim 29, wherein instructions for executing the wireless application to generate a compressed query includes generating the <u>compressed</u> query in compressed transport protocol (CTP).

37. (ONCE AMENDED) The computer-readable medium of claim 29, wherein instructions for executing the wireless application to generate a compressed query includes generating the <u>compressed</u> query in compressed markup language (CML).

38. (NEW) A portable computer comprising:
a display;
a wireless communication mechanism; and
a processor configured to:

      execute a wireless application;
      receive a user-input entered through execution of the wireless application;
      generate a compressed query using the wireless application;

communicate, without use of a local proxy within the portable computer, with a proxy server that is external to the portable computer by (i) sending the compressed query to the proxy server using the wireless communication mechanism, and (ii) receiving a compressed response from the proxy server over the wireless communication mechanism; and

execute the wireless application to process the compressed response to cause the data from the Internet site to be rendered on the display from the compressed response.

39. (NEW) The portable computer of claim 38, wherein the processor is configured to:
display a list of wireless applications on the display;
receive a user selection of the wireless application from the wireless applications displayed on the display;
display on the display a query form to allow a user to enter the user-input in response to receiving the user selection.

40. (NEW) The portable computer of claim 38, wherein the processor generates the compressed query in compressed transport protocol (CTP).

41. (NEW) The portable computer of claim 38, wherein the processor generates the compressed query in compressed markup language (CML).

42. (NEW) The portable computer of claim 35, wherein the processor executes the wireless application to use the compressed response without converting the compressed response to another protocol.

43. (NEW) The portable computer of claim 35, wherein the display is contact-sensitive, and wherein the processor receives user-input by detecting contact to the display.